

Abstract

A rolling bearing, for application in electric auxiliaries for a car, durable owing to high resistance to high temperatures and capable of restraining noises from being generated at low 5 temperatures; and lubricant grease, for low and high temperature application, which can be sealed in the rolling bearing. The lubricant grease includes 100 parts by weight of a mixture of fluorine-containing lubricant grease containing perfluoropolyether oil as a base oil thereof and fluorocarbon 10 resin powder as a thickening agent thereof and urea-containing lubricant grease containing polyester oil as a base oil thereof and a urea compound as a thickening agent thereof; and 3 to 30 parts by weight of polyolefin oil added to the mixed grease. The polyolefin oil has a pour point of not more than -50 °C and a 15 kinematic viscosity of 10 to 70 mm²/s at 40°C.